

د. حسین حمزة

التاريخ/5/6/6/5 RB التاريخ/5/6/5

a. 11. a. - Slass 1 aldi

Ve=Vp=WeION=WexRVZ>



RBOHAMAK
$\frac{12 \times 60 \sqrt{2} - 101812 \text{ cm.}}{12 \times 60 \sqrt{2} - 101812 \text{ cm.}} = \frac{460}{460}$
We 1/2 cos 45 + 1/2 / 2 = 769,1 cm.s - 1018 cos 45 + 49,3 = 769,1 cm.s 1/2 - 1/2 sin 45 - 720 cm.s 1/4 (sin 45 - 720 cm.s)
1 - V122 + 122 - V1769117+(770) - 1053,5 cm - 5
12 - Ne + 12 + 22 + 22 + 22 + 22 + 22 + 22 + 2
$A^{n} - A^{n} - 10^{2} OP - (12)^{2} \times 60\sqrt{3} - 12218 \cdot 8 \text{ cm} \cdot 5^{2}$
$\frac{A_{P} = A_{e} = V_{e} \cdot O_{p} = (12) \times 60 \times 2 = (718,8 \text{ m}.\$)}{A_{e} = \frac{5}{2} \cdot O_{p} = 2 \times 60 \times \sqrt{2} = 169, 7 \text{ cm}.\$^{-2} \text{ 45}}$
$\frac{A^{\frac{1}{4}} \cdot v_{\kappa}^{2} - (49.3)^{3} - 40.6 \text{ cm} \cdot s^{2}}{V \cdot 60}$
$\frac{A^{\pm} - 30 \pi^{2}}{6} \frac{\pi}{6} \frac{(05)(\pi, 3) = 0}{6}$ $A = 2. \text{We} \cdot 2^{2} - 2 \times 12 \times -49.3 = -1183.12 \text{ cm} \cdot 5^{2}$



A = At cos 45 + An cos 45 8759,9 cm. 3 ty le Fi Any Atsin45 Arsin45 + An Ac +1183,7= - 7295,7 cm.52 عكر الاقلم الموجم لم

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HAMAK
12 18p. sinho = 60. sinho = 30 V3 = 52 cm =
5: N90 = 5: N90 = 5: N90
20 2 2 N 30
12. 12. sindo - boisindo = 30 cm s
singo singo
We= 20 30 = 015 Vad. S
BP 60
n A v A a c
n At nAt nAt
Ap - 25 R > 2x4x15 = 120 cm.s
An = W3 R = 4x15= 60 cm.s
Ar = W2 X Bp = (0,5) X60= 15 cm 3
Ac = 2 We . 2 = 2 × 0/5 × 30 × 3 = 30 × 3 cm = 3
n lexa
At Ap cos 30- Ap cos 60 = An + At
+ 120 cos30 - 60 cos60=15 + At
Ap 30 160 Ar = 119 cm = 3 residiation Le
Ae / 1t
An Ac Aprosto Aprosso At Ac
Ap V 12000560 6000530 - Act 3013 Act = 59,9 cm. 5
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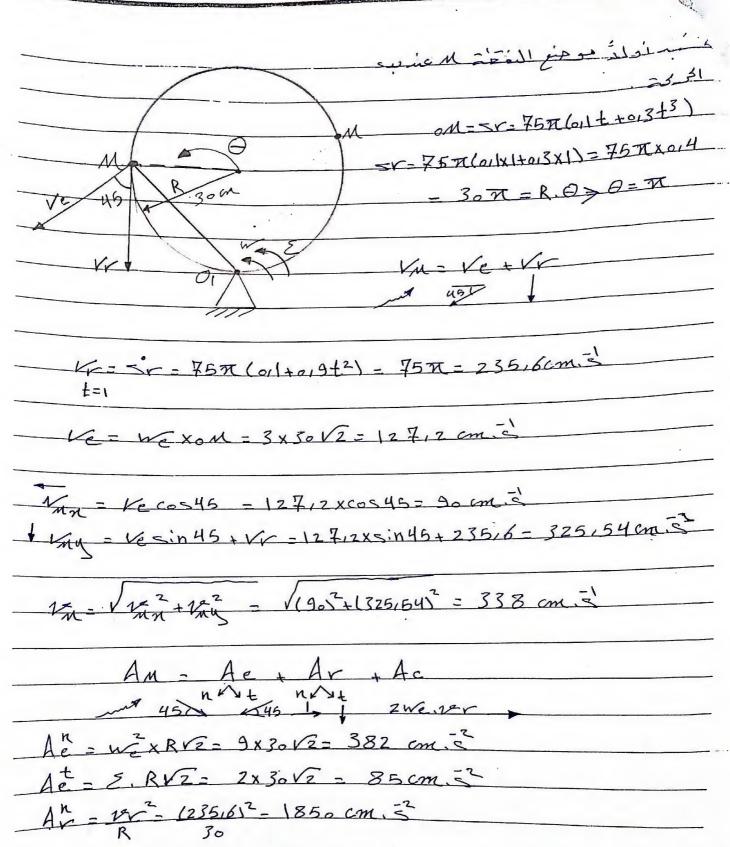
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334 12 Eli
ترا مرا المن ا = - أون الا عراد المراجد المراج
Lew sill AR child
Lew sill AB chilled in the istill post in a 14 m o 15 min
was it alsular was = 3 Vad 5 - sol - and as it as my
Ale Q = 45° - = 1 2 = 21 - 3 - 1 - 3 - 1 - 3 - 1 - 3 - 1
ال سُرِع عمد الحر الدارة عند المتراعة عن در قط محة التركيدة
141
WAB 46 M
- Labol
WAB= 3 rad. S
$\theta = 45^{\circ}$
AB 21-16-11-11-11-35
4 Not zules : = - 511 = 4 51
AM - RV2
VM = Ve + Vr
- Ve + Vp
45
Ve= WABXAM - 3X RV2 - 3X014V2 - 1,7 m.s
y1: 0 = Vesin45 - Vrsin45 > Ve= W - 1.7 m.s
1 Vn = 2 Ve Cos 45 - 2x1, 7. cos 45 - 2, 4 m. 5
An: Ae + Ar + Ac
W At WALL WA
45 295 45 Jus

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RBCHAMAK	
Am = 12/4 = 14,4 m. 53 R	
Ac = 12 x Am = 9 x 0, 4 \(\sigma = 5 \) m = 3 Ac = 2 w \(\times \) x = 2 x 3 x 1, \(\sigma = \) \(\sigma \) = \(\sigma \) \(\sigma \)	
41: An =-Ae sin46 + At sin46 - Acsin46	
Ar AnHA" + Ac sin 45 5116 m.s	
7: An = +Ae cos45 - Ar cos45 - Accos45 An = 5 cos45 + 5,16cos45 - 10,2cos45 = 0 m. s ²	
$\frac{\mathcal{E}_{0} - A \tilde{m}_{0} - o}{R}$, S
الكامة في حمد عديد المؤمد مولد المنتطق م عديد المحقد المحلاء عديد الكامة على	<u> </u>
t=1500 = 5 = \$5 TX (0, 1 t + 0, 3 t3) == 1611 = t=1500= 101 = 3 M == 11 = 1 = = = = = = = = = = = = = =	<u>و حو</u> ا'م
We = 3 Vad = 1 R = 30 cm = 1 los t=1sec = 2 Vad = 3	
OM = SV - 75 T (0,1+0,3+3)	
OGME.2015.2020 2020-2015 العام 2015-2015	6

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RBOHAMAK



ALC:
At sir = 75 7 (1,8t) = 424 cm. = 3
Ac= 2 Wexx = 2x3x235,6= 1413,6 cm. 5
Amx =-Ac cos45+Ancos45+Ar+Ac = 85 cos45+382 cos45+1850+141316 Ar Ac Ar Ac Ac Ac Ac Ac Ac Ac
= 3473 cm. =2
My - Mesinys+ Aesinys+Ar
382 sin45+86 sin45+424=754 cm.s
AM = VAMM + AMY = V(3478) + (754) = 3554 cm. = 3

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